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ABSTRACT OF THE DISCLOSURE

An arrangement and method is set out which records a digitised image of a figure with the figure preferably comprising a black disk, which is surrounded by an arrangement of radial line segments. The method extracts edge points from the recorded image and performs a transform on the edge points to obtain a center of the figure. Then, a diameter of the disk is obtained to calculate the conversion factor, which represents the distance between the camera and the figure. The line segments may further comprise at least one bar code defining encoded information. The method provides a reliable calibration even under cluttered background conditions.